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OCT 29 2007

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listing of claims in the application.

**Listing of Claims:**

1. (Previously Amended) A mixture for treating a soil surface and/or a soil mass, comprising a mixture spread over the soil surface and/or arranged in the soil mass to be treated in such manner that a layer in the form of a film or membrane on the surface and/or some distance down in the soil to be treated is formed,

- the mixture including a basic powder mixture of a water-soluble, dried and ground organic raw material, a film or membrane forming thickening agent and pigment; and
- the basic mixture including at least one component which has a sufficient antioxidising effect to ensure that the membrane has an antioxidising effect on the surroundings.

2. (Previously Amended) A mixture according to claim 1, wherein the powder mixture is saturated with electrons to at least electrical neutrality.

3. (Previously Amended) A mixture according to claim 2, wherein the powder mixture is oversaturated with electrons and has an excess of negative electric charges.

4. (Previously Amended) A mixture according to claim 1, wherein the basic mixture includes a growth medium for microalgae.

5. (Currently Amended) A mixture according to claim 1 wherein the basic mixture comprises from 1 to 50 parts by weight of organic raw material, 0.1 to 60 parts by weight of thickening agent and from 2-50 parts by weight of pigment.

6. (Previously Amended) A mixture according to claim 4, wherein the basic mixture contains from 0.1 to 10 parts by weight of microalgae.

7. (Previously Amended) A mixture according to claim 1, wherein the organic material is any material originating from the natural environment, the animal or plant kingdom, and that, in a dried and ground state, it contains fibres and adhesive compounds so that the material will function as a binder in the resulting film or membrane.

8. (Previously Amended) A mixture according to claim 7 wherein the raw organic material comprises substantially natural, industrial and/or household organic or biological waste.

9. (Previously Amended) A mixture according to claim 8, wherein the vegetable debris is dried and ground seaweed, sea grass and/or kelp, and that 3 to 6 parts by weight thereof are used in the basic mixture.

10. (Previously Amended) A mixture according to claim 9, wherein sea grass preferably comprises the species *Spartina* and/or reeds.

11. (Currently Amended) A mixture according to claim 1, wherein the thickening agent is xanthan or xanthan gum, and that that the xanthan or xanthan gum is added in an amount of from 0.1 to 6 parts by weight.

12. (Previously Amended) A mixture according to claim 11, wherein the thickening agent is one or more alginates that are admixed and replace at least a part of the xanthan or xanthan gum, or that the one or more alginates replace all the xanthan or xanthan gum.

13. (Canceled)

14. (Currently Amended) A mixture according to claim 1, wherein when it is desired to form a film or membrane having a high degree of reflection, one or more of the following materials in dry powder form are used as pigments: stone, lime, sand, clay, chalk, shells, white mineral pigments such as  $\text{TiO}_2$ , white plant dyes and/or white plant fibres such as cotton, bog cotton or algae-based components having light characteristics, and that the pigments are added in an amount of from 0.1 to 25 parts by weight, preferably from 0.1 to 10 parts by weight.

15. (Currently Amended) A mixture according to claim 1, wherein when it is desired to form a film or membrane having a low degree of reflection, one or more of the following materials in dry power form are used: ash, coal, soot, carbon black, graphite and other known forms of elementary carbon and other pigments such as ochre, bone, animal shells, marine shells, fish-scales, mineral pigments, plant dyes, plant pigments or algae-based components having dark characteristics, and that the pigments are added in an amount of from 0.1. to 25 parts by weight, preferably from 0.1 to 10 parts by weight.

16. (Canceled)

17. (Canceled)

18. (Previously Amended) A mixture according to claim 1, wherein the basic mixture has added thereto one or more of the following additives: binders, preservatives, fertilisers, water stabilisers, mineral salts, pH regulators, antioxidants and/or electrically conductive substances.

19. (Canceled)

20. (Currently Amended) A mixture according to claim 18, wherein the binders comprise organic glue and adhesive agents having a high protein content, preferably albumin glue, casein glue, animal glue, agar, alginic acid, ground acorn barnacles, latex and/or sap, and that the binders are added in an amount of from 0.1 to 15 parts by weight, preferably 0.1 to 5 parts by weight.

21. (Canceled)

22. (Currently Amended) A mixture according to claim ~~[[18]]~~ 20, wherein the binders further comprise one or more fibres selected from the group consisting of cellulose fibre, plant fibre, textile fibre, animal fibre and reinforcing fibre, and that the fibre materials are added in an amount of from 0.5 to 30 parts by weight.

23. (Canceled)

24. (Currently Amended) A mixture according to claim 18, wherein the fertiliser agents comprise one or more fertilisers selected from the group consisting of animal manure, fish guano, guano, urea, inorganic nutrient salts and micronutrients, and that the fertiliser materials are added in an amount of from 0.1 to 20, preferably 0.1 to 15, and more preferably 0.1 to 5 parts by weight of dry powder.

25. (Canceled)

26. (Currently Amended) A mixture according to claim 18, wherein the electrically conductive additives comprise one or more substances selected from the group consisting of readily soluble mineral salts, ash and/or carbon fibres, and that the electrically conductive substances are added in an amount of from 0.1 to 15, preferably 0.1 to 5 parts by weight of dry powder.

27. (Canceled)

28. (Currently Amended) A mixture according to claim 18, wherein the water stabilisers comprise one or more substances selected from the group consisting of plant oils, mucilage, organic waxes and organic oils, and that the water stabilisers are added in an amount of from 0.1 to 80, preferably from 0.1 to 25, and more preferably from 0.1 to 5 parts by weight of dry powder.

29. (Canceled)

30. (Currently Amended) A mixture according to claim 18, wherein the pH regulators comprise one of more substances selected from the group consisting of sap, basic minerals, ash, and salts of the alkaline and alkaline earth metals, and that the pH regulator is added in an amount of from 0.1 to 50, preferably from 0.1 to 10.

31. (Canceled)

32. (Currently Amended) A mixture according to claim ~~[[31]]~~ 30, wherein the pH regulators are added in such quantity that the resulting membrane or film has a pH that is greater than 5, preferably in the range of pH 5 to 10.

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled).

40. (Canceled)

41. (Canceled)

42. (Canceled)

43. (Canceled)

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54. (Canceled)

55. (Canceled)

56. (Canceled)

57. (New) Method for altering the albedo of a soil surface, wherein the method comprises forming a solid film or membrane in the surface of a soil mass by dissolving the mixture according to claim 1 in water and then apply the water mixture over the soil surface.